

Name _____ Date _____ Period _____

Naming Ws #7: Naming Organic Compounds

	Formula	Long Form	Name	Saturated or Unsaturated Hydrocarbon chain	Polar or non-polar molecule
1.	C_3H_8				
2.	C_2H_5OH				
3.	C_2H_5COOH				
4.	C_6H_{14}				
5.	C_9H_{18}				
6.	$C_3H_6Cl_2$				
7.	C_4H_9OH				
8.	C_4H_8				
9.	C_2H_2				

10. What is the name of the class of organic compounds that has a single bonded oxygen atom in the middle?

11. What is the name of the class of organic compounds that contains a fluorine, bromine, chlorine or iodine?

12. What element does an Amine contain besides carbon and hydrogen?

13. What is a carboxylic acid?

14. Write the long form for the following:

Pentane	Pentene	Pentyne	Pentanol